10/667,206 **PATENT**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

David Ternes

Examiner:

Terri L Smith

rial No.:

10/667,206

Group Art Unit:

279.667US1

3762

Title:

September 22, 2003 CARDIAC RHYTHM MANAGEMENT SYSTEM WITH EXERCISE TEST

Docket:

INTERFACE

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 et. seq., the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicant respectfully requests that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicant requests that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicant with the next official communication.

Pursuant to 37 C.F.R. §1.97(c)(2), Applicants hereby authorize the Commissoner to charge the fee of \$180.00 as set forth in 37 C.F.R. §1.17(p), to Deposit Account No. 19-0743.

12/28/2006 EAREGAY1 00000024 190743 10667206

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Filing Date: September 22, 2003

Title: CARDIAC RHYTHM MANAGEMENT SYSTEM WITH EXERCISE TEST INTERFACE

Dkt: 279.667US1

Pursuant to 37 C.F.R. 1.98(a)(2), Applicant believes that copies of cited U.S. Patents and Published Applications, and Non-Published Applications identifiable by USPTO Serial Number, are no longer required to be provided to the Office. Notification of this change to this effect was provided in the United States Patent and Trademark Office OG Notices dated October 12, 2004 and October 19, 2004. Thus, Applicant has not included copies of any US Patents or US Patent Applications identifiable by serial number that may be cited with this submission. Should the Office require copies to be provided, Applicant respectfully requests that notice of such requirement be directed to Applicant's below-signed representative. Applicant acknowledges the requirement to submit copies of foreign patent documents and non-patent literature in accordance with 37 C.F.R. 1.98(a)(2).

The Examiner is invited to contact the Applicant's Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted, DAVID TERNES

By his Representatives, SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A. P.O. Box 2938 Minneapolis, MN 55402 (612) 373-6951

Date December 19, 2006 By

Suneel Arora Reg. No. 42,267

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450,

Alexendria, VA 22313-1450 on this ______ day of <u>December</u> 2006.

Signature

Substitute for form 1449A/PTO Complete if Known INFORMATION DISCLOSURE 10/667,206 **Application Number** STATEMENT BY APPLICANT September 22, 2003 **Filing Date** Ternes, David **First Named Inventor Group Art Unit** 3762 DEC 2 6 2006 **Examiner Name** Smith, Terri Attorney Docket No: 279.667US1 Sheet 1 of 2

US PATENT DOCUMENTS						
Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate		
	US-4,090,505	05/23/1978	Mortara, David W.	06/01/1976		
	US-4,340,065	07/20/1982	Gessman, Lawerence J.	09/11/1979		
	US-4,552,156	11/12/1985	Jackson, Frank	06/24/1983		
	US-4,852,570	08/01/1989	Levine, Alfred	02/09/1989		
	US-5,007,431	04/16/1991	Donehoo, III, Robert F.	05/03/1988		
	US-5,113,869	05/19/1992	Nappholz, Tibor A., et al.	08/21/1990		
	US-5,410,473	04/25/1995	Kaneko, Mutsuo, et al.	12/16/1992		
	US-5,669,391	09/01/1997	Williams, Michael O.	06/21/1996		
.,	US-5,772,601	06/30/1998	Oka, Tohru, et al.	08/26/1996		
	US-5,817,027	10/06/1998	Arand, Patricia A., et al.	08/27/1997		
_	US-5,935,085	08/10/1999	Welsh, Stephen W., et al.	11/24/1997		
	US-5,980,464	11/09/1999	Tsuda, Hideichi	11/16/1998		
	US-6,149,602	11/21/2000	Arcelus, Almudena	03/29/1997		
	US-6,169,919	01/02/2001	Nearing, Bruce D., et al.	06/18/1999		

	OTHE	R DOCUMENTS NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		"Exercise Stress Testing Helps Identify People at Risk of Developing Coronary	
		Heart Disease; Testing for Exercise Capacity, Heart Rate Recovery Improves on	
		Traditional Risk-Factor Scoring", AScribe Newswire, http://www.ascribe.org/cgi-	
		bin/behold.pl?ascribeid=20050913.075721&time=08%2038%20PDT&year=2005	
		&public=1,(Sept. 13, 2005), 1-3	ļ <u> </u>
		"Non-Invasive QT Dispersion Measurement", GE Medical Systems,	
		http://www.gemedicalsystems.com/cgi-bin/print/print.cgi, (Archived August 6,	
		2001), 4 Pages	ļ
		"Study: Heart after exercise test can predict death risk", CNN.com/Health,	
		http://clinton.cnn.com/2003/HEALTH/conditions/02/27/heart.stress.tests.ap/,	
		(2/27/2003), 2 Pages	<u> </u>
		"Study: Heart Stress Test Can Predict Risks", Heart1.com,	
		http://www.heart1.com/news/mainstory_pf.cfm?newsarticle=81, (Observed	
		August 7, 2003), 2 Pages	
* .		ANDRADE, J. C., "Cardiac Contractility Sensor Evaluation in a DDDR System -	
		A Multicenter Study", Progress in Biomedical Research, 3(3), (June, 1998), 137-	1
		142	
		AYTEMIR, KUDRET, et al., "QT Dispersion plus ST-Segment Depression: A	1
		New Predictor of Restenosis after Successful Precutaneous Transluminal	
		Coronary Angioplasty", Clin. Cardiol., Vol. 22, (Summary), (June 1999), 409-412	<u> </u>

DATE CONSIDERED EXAMINER

PTO/SB/084/10-01)
Approved for use through 10/31/20/2 OMB 651-0031
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er the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO Complete if Known INFORMATION DISCLOSURE 10/667,206 **Application Number** STATEMENT BY APPLICANT (Use as many sheets as rigosssary) September 22, 2003 **Filing Date** Ternes, David **First Named Inventor** DEC 2 6 2006 **Group Art Unit** 3762 Smith, Terri **Examiner Name** Attorney Docket No: 279.667US1 Sheet 2 of 2

	OTHER	R DOCUMENTS NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
· · · · · · · · · · · · · · · · · · ·		BELL, HOWARD, "Fight or Flight: In weighing cardiac risk factors, doctors are	
		overlooking autonomic tone", Physician's Weekly, Vol. XIX, No. 13,	ł
		http://www.physweekly.com/article.asp?issue=13&article=41&printable=1, (April	
		1, 2002), 2 Pages	
		GRECO, ENRICO M., et al., "Clinical evaluation of peak endocardial	
		acceleration as a sensor for rate responsive pacing", Pacing and Clinical	
		Electrophysiology, Vol. 26, Issue 4, Part 1, (April 2003), 812-818	
		LEE, JONG-SUK, et al., "Heart Rate Turbulence after Ventricular Premature	
		Beats: It's Relation to Heart Rate Variability", GE Medical Systems Korea,	
		Education - Case Studies,	
		http://www.gemedicalsystems.com/krko/education/case_studies/Marquette/HRT.	
		html, (Archived January 17, 2003)	
		MORA, SAMIA, et al., "Enhanced Risk Assessment in Asymptomatic Individuals	Ī
		With Exercise Testing and Framingham Risk Scores", Circulation, 112(11), (Sep.	
		13, 2005), 1566-1572	
		NAAS, ABDUL A., et al., "QT and QTc dispersion are accurate predictors of	
		cardiac death in newly diagnosed non-insulin dependent diabetes: cohort study",	
		British Medical Journal, 316(7133), (3/7/1998), 745-746	
		ROA, RICHARD, "Current Trends in Patient Monitoring",	
		http://bsp.pdx.edu/Seminar/2002/Spring/Roa.pdf, (2002), 6 Pages	

DATE CONSIDERED EXAMINER